



miCON. Because the future belongs to Soundability.

micon is the new platform behind BestSound Technology. Its three key features combine to provide the perfect balance between Sound Quality and effective Audibility. We call this state of equilibrium Soundability™. The result: maximum spontaneous acceptance, long-term listening satisfaction and a natural sound experience that fits the individual's needs.

miSound

This technology is so transparent that the wearer can forget that they are hearing through a hearing instrument. The micon fit fitting formula, enhanced feedback cancellation, and bandwidth extension offer the most natural comfortable sound experience.

miFocus

This 48-channel TwinMic System™ makes hearing effortless again. Directional microphones, improved localized noise suppression, higher frequency resolution, and optional frequency compression for appropriate hearing losses offer more speech intelligibility, even in the most difficult environments.

miGuide

This powerful engine offers the wearer customized sound with automatic situation detection, an intelligent algorithm that learns user sound preferences, and automatic gain adjustment, which increases the gain over time to compensate for the effects of auditory deprivation. With CONNEXX® 7, frequency shaping for the detected situations can be manually adjusted.

Creating the balance: BestSound Technology



New!

micon
Because the future
belongs to Soundability.



Nitro micon

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Nitro micon.

Information for Hearing Care Professionals.



Life sounds brilliant.

High power meets connectivity.

Introducing the new Nitro micon™ family: A line of super power BTE and ITE hearing instruments that offers reliable amplification for severe to profound hearing loss. Equipped with micon™, the new platform behind BestSound™ Technology, the Nitro micon offers a broad range of hearing solutions that provide more amplification for greater speech understanding to those who need it most. In addition, nearly all models offer the unique combination of up to 82dB gain with wireless connectivity. By combining super power with the latest, most sophisticated technology, Nitro micon provides the options, functions and power that wearers who are dependent on their hearing instruments need to stay connected to their world.



Nitro micon BTE

New! Siemens' newest
super power instruments:



Nitro micon custom

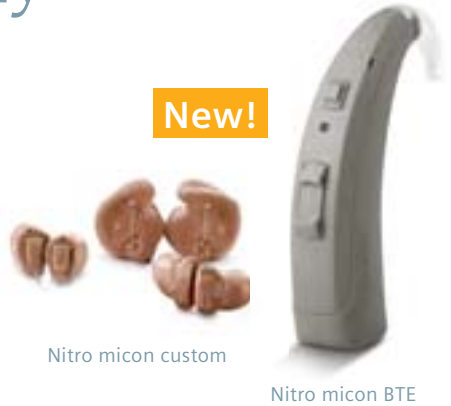


Siemens researchers won the "Deutscher Zukunftspreis 2012" (German Future Award) for the development of their binaural hearing system. Nitro micon offers this technical innovation for improved spatial perception with its e2e wireless™ 2.0 technology.

miCON. All the best-in-class industry features only from Siemens.

Nitro micon family at a glance.

- Powered by micon**
- BTE instruments**
- Ergonomic slim-neck design
 - IP67-rated: Resistant to moisture, sweat and dirt¹
 - Safety features: Optional child-lock battery door, fixed audio shoe and a key lock, which can be programmed by CONNEXX
 - 675 size standard battery for long lasting power



- ITE instruments**
- Vent with Optivent™ option
 - Directional microphones available
 - Optional T-coil and wireless functions

Available in two performance levels

	7mi	3mi
High res. adaptive TwinMic System™ 2	48	24
Directional speech enhancement ²	●	–
Situation equalizer / no. of situations	6	1
High res. SpeechFocus*	●	–
Frequency compression	●	●

¹Achieved IP67 rating per IEC 60529 standard. Water-resistant device can be completely submerged in water up to 3 feet for 30 minutes and dust will not interfere with the satisfactory operation of the device. ²Not available for CIC.

The Nitro micon family: Super power in detail.

Directional microphones
Optimized placement and orientation ensure the best possible directivity.

AutoPhone
Automatically switches to telephone mode when the telephone is held to the ear.

Dual onboard controls
Integrated push button and rocker switch for manual control including a programmable key lock to prevent unintentional program or volume changes.

Integrated T-coil
For inductive transmission.

675 size standard battery
Extra power for long-lasting duration.

Direct audio input
The optional audio shoe enables direct audio connection. It is compatible with most FM systems and provides an excellent signal-to-noise ratio for learning in schools or at home. Optional audio input is also available for custom models via the miniTek™.

LED status indicator
Shows the instrument's program change, battery status, key lock activation and deactivation.

Tinnitus therapy
Programmable as tinnitus noiser only, hearing instrument only or mixed mode.

Optional T-coil³
For inductive transmission.

Program change button
For selecting specific hearing programs.

Directional microphones³
Focus on sound from in front of the wearer while reducing noises from other directions.

Volume control³
For direct sound adjustment.

Vent
With Optivent option: For optimal ear ventilation and a natural sound experience.

³Available for most models

Nitro micon – designed for intelligibility.



The needs of people with severe to profound hearing loss differ from other hearing instrument users. Nitro micon not only provides a comfortable fit and powerful sound – it also has features to improve speech understanding and aural perception for these wearers.

Designed for audibility and intelligibility

Maximum amplification is now available in omni and directional modes for improved speech intelligibility – with no compromise in amplification for any directional mode. High resolution directional microphones offer the best signal-to-noise ratio for better speech understanding in challenging situations.

Increased wearing comfort and discretion

The Nitro BTE instruments' new slim-neck design offers wearers more discretion and wearing comfort. And Nitro custom instruments now have a new faceplate with Optivent, for a smaller hearing instrument providing higher feedback stability.

Frequency compression

This feature may significantly improve speech intelligibility for people whose hearing loss inhibits the interpretation of high frequency information. By shifting these frequencies into their audible range, you can offer wearers a solution with the individual sound they need.

Wireless connectivity.

Nearly all Nitro micon models offer the unique combination of super power and wireless connectivity, giving wearers more opportunities to stay in touch with their world.

ePen® and easyPocket™

Remote controls for convenient hearing instrument adjustments. The new easyPocket is extremely ergonomic, has an easy-to-read display and a modern, stylish design.



Tek, miniTek and miniTek Remote App

VoiceLink

The VoiceLink™ companion microphone connects to miniTek™ and is a practical aid when wearers are attending conferences or are out to dinner in a noisy restaurant. VoiceLink can be given to the speaker for direct speech transmission to the user's instruments.



⁴Android and Google Play are trademarks of Google Inc.

Tek®, miniTek® and miniTek Remote App

Tek and miniTek work seamlessly with Nitro micon, wirelessly connecting the hearing instruments to many different devices. Sound from Bluetooth phones, MP3 players, televisions and other audio sources is streamed directly to the hearing instruments. Android⁴ smartphones can be used to conveniently operate the miniTek via the miniTek Remote App, available in the Google Play⁴ Store.

Nitro micon features for severe hearing loss

micon fit
For BTE models, micon fit has been especially adapted to meet the needs of super power customers. Together with micon optional frequency compression, micon fit offers best speech understanding, loudness discrimination and localization, so you can get the most out of the wearer's residual dynamic range without neglecting the customer's hearing habits. For custom models with 70dB, micon fit provides an amplification and compression scheme that has been optimized for the needs of patients with severe hearing loss.



Tinnitus therapy feature
The noise signal of Nitro micon's tinnitus therapy feature can be configured in up to 20 bands and can also be mixed with the microphone signal. Nitro has four pre-programmed therapy signals: white noise, pink noise, speech noise and high tone noise, providing customized relief in any situation.

Feedback canceller
micon™ feedback cancellation offers better feedback suppression than ever before – a most useful feature for wearers who need the amplification of a Nitro instrument. Thanks to the parallel processing of two phase cancellers and continuous critical gain measurements in the background, wearers experience feedback-free use and high quality sound.

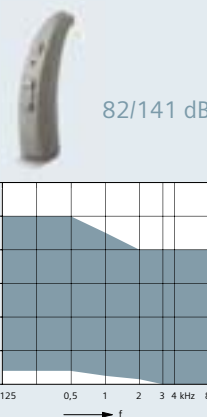
e2e wireless® 2.0
This technology synchronizes two hearing instruments into one holistic, binaural hearing system, giving wearers improved spatial perception, connectivity and ease of use.

Optivent
Nitro micon custom features Optivent: A ventilation strategy that provides optimum sound quality and speech understanding while ensuring the smallest possible instrument size. The customized shape of the vent, combined with micon's feedback canceller, improves resistance to feedback and enables strong amplification for severe hearing loss with less occlusion effect.

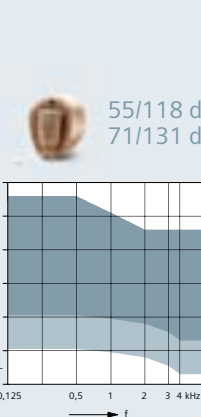
Directionality
Nitro micon includes directional versions with miFocus for improved speech understanding in noise.

Fitting Ranges

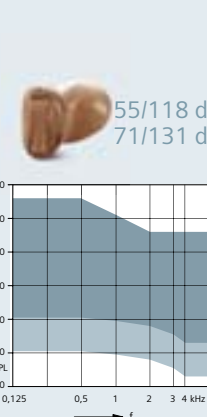
Nitro micon BTE



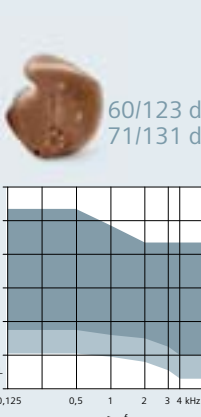
Nitro micon CIC



Nitro micon ITC



Nitro micon ITE



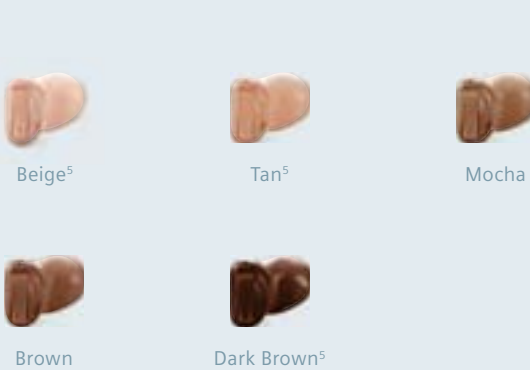
Nitro micon BTE color selection

Nitro micon BTE is available in six discreet colors.



Nitro micon custom color selection

Nitro micon custom is available in five discreet skin colors for a perfect match.



⁵Not available for CIC